

IN THE CLAIMS

Please Amend claims 1-6 and 8, Cancel claim 7 (without prejudice) and add new claims 9-20 as follows.

1. (Currently Amended) A glass reinforcing yarn~~[[,]]~~ the having a composition of which ~~essentially comprises the following constituents, within the limits defined below,~~
expressed in percentages by weight of:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13- [[16]] <u>14.9%</u>
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

wherein the glass reinforcing yarn is substantially free of lithium.

2. (Currently Amended) The glass ~~yam~~ yarn as claimed in claim 1, ~~eharaeterized in that~~
wherein the composition has an MgO+Al₂O₃ content of greater than 24%.

3. (Currently Amended) The glass yarn ~~as claimed in either of claim[[s]] 1 and 2,~~
~~eharaeterized in that~~ wherein the composition has an SiO₂+Al₂O₃ content of greater than
or equal to 70%.

4. (Currently Amended) The glass yarn ~~as claimed in one of claim[[s]] 1 to 3,~~
~~eharaeterized in that~~ wherein the composition has an Al₂O₃/(Al₂O₃+CaO+MgO) weight
ratio that varies from 0.40 to 0.44 and is preferably less than 0.42.

5. (Currently Amended) The glass yarn ~~as claimed in one of claim[[s]] 1 to 4,~~
~~characterized in that~~ wherein the composition has a CaO/MgO weight ratio of greater
than or equal to 1.40 and preferably less than or equal to 1.8.

6. (Currently Amended) The glass yarn ~~as claimed in one of claim[[s]] 1 to 5,~~
~~characterized in that the composition essentially comprises the following constituents~~
further comprising, expressed in percentages by weight of:

SiO ₂	56-61%
Al ₂ O ₃	14-18%
CaO	13- [[16]] <u>14.9%</u>
MgO	8-10%
B ₂ O ₃	0-2%
TiO ₂	0-2%
Na ₂ O + K ₂ O	<0.8%
F ₂	0-1%.
Fe ₂ O ₃	<0.8%.

7. (Cancelled)

8. (Currently Amended) A glass composition suitable for producing glass reinforcing yarns, ~~which essentially comprises the following constituents, within the limits defined below comprising,~~ expressed in percentages by weight:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13- [[16]] <u>14.9%</u>
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

wherein the glass batch composition is substantially free of lithium.

9. (NEW) The composition as claimed in claim 8, wherein the composition has an MgO+Al₂O₃ content of greater than 24%.

10. (NEW) The composition as claimed in claim 8, wherein the composition has an SiO₂+Al₂O₃ content of greater than or equal to 70%.

11. (NEW) The composition as claimed in claim 8, wherein the composition has an Al₂O₃/(Al₂O₃+CaO+MgO) weight ratio that varies from 0.40 to 0.44 and is preferably less than 0.42.

12. (NEW) The composition as claimed in claim 8, wherein the composition has a CaO/MgO weight ratio of greater than or equal to 1.40 and preferably less than or equal to 1.8.

13. (NEW) The composition as claimed in claim 8, characterized in that the composition comprises the following constituents, expressed in percentages by weight of:

SiO ₂	56-61%
Al ₂ O ₃	14-18%
CaO	13-14.9%
MgO	8-10%
B ₂ O ₃	0-2%
TiO ₂	0-2%
Na ₂ O + K ₂ O	<0.8%
F ₂	0-1%.
Fe ₂ O ₃	<0.8%.

14. (NEW) A glass yarn, comprising, in weight percent:

SiO ₂	50-65%
Al ₂ O ₃	12-20%
CaO	13-14.9%
MgO	6-12%
B ₂ O ₃	0-3%
TiO ₂	0-3%
Na ₂ O + K ₂ O	<2%
F ₂	0-1%
Fe ₂ O ₃	<1%

and having a Young's Modulus greater than 33.

15. (NEW) The glass yarn of claim 14, wherein the glass yarn has a T_{log n=4} of between 1271 °C and 1298 °C.

16. (NEW) The glass yarn of claim 14, wherein the glass yarn has a T_{liquidus} of between 1210 °C and 1280 °C.

17. (NEW) The glass yarn as claimed in claim 14, wherein the composition has an MgO+Al₂O₃ content of greater than 24%.

18. (NEW) The glass yarn as claimed in claim 14, wherein the composition has an SiO₂+Al₂O₃ content of greater than or equal to 70%.

19. (NEW) The glass yarn as claimed in claim 14, wherein the composition has an Al₂O₃/(Al₂O₃+CaO+MgO) weight ratio that varies from 0.40 to 0.44 and is preferably less than 0.42.

20. (NEW) The glass yarn as claimed in claim 14, wherein the composition has a CaO/MgO weight ratio of greater than or equal to 1.40 and preferably less than or equal to 1.8.